

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: January 9, 1998

ATTY DOCKET NO.  
038007/0111SERIAL NO.  
Unassigned

09005034

APPLICANT  
Peter K. LAWFILING DATE  
January 9, 1998GROUP  
Unassigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
bfb	A1	4,542,148 '3	11/1985	Hosokawa et al.	514	356	
	A2	5,139,481	08/1992	Faustman et al.	604	49	
↓	A3	4,154,652	05/1979	Sawamura et al.	195	1.8	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
bfb	A4	93/17697	09/1993	WIPO	—	—	
↓	A5	95/14079	05/1995	WIPO	—	—	
↓	A6	96/38544	12/1996	WIPO	—	—	

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

bfb	A7		Morgan, "Cell and Gene Therapy in Duchenne Muscular Dystrophy", Human Gene Therapy, Vol. 5, pp. 165-173, (1994)
			Maltsev et al., "Embryonic Stem Cells Differentiate in vitro into Cardiomyocytes Representing Sinusnodal, Atrial and Ventricular Cell Types", Mech. Devl., Vol. 44, pp. 41-50, (1993)
	A8		Koh et al., "Long-term Survival of AT-1 Cardiomyocyte Grafts in Syngeneic Myocardium", Am. J. Physiol, Vol. 264, pp. 1727-1733, (1993)
			Watson et al., "Working Toward Human Gene Therapy: Recombinant DNA", New York, W.H. Freeman & Co., pp. 576, (1992)
↓	A10		Entrikin et al., "Drugs in Muscular Dystrophy of the Chicken: Corticosterone-21 Acetate; Nerve & Muscle, (1984)

EXAMINER

Freanda Fauvalack

DATE CONSIDERED

1-14-99

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)		ATTY DOCKET NO. 038007/0111	SERIAL NO. Unassigned 09005034
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Peter K. LAW	
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		FILING DATE January 9, 1998	GROUP Unassigned
Date Submitted to PTO: January 9, 1998			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>b7c</i>	A19	C.A. Bonsett, Duchenne Muscular Dystrophy-A Rational Approach to Disease Comprehension and Therapy",  Indiana Medicine, March, 1986	
	A20	Lee et al., "Md <sup>x</sup> Transgenic Mouse: Restoration of Recombinant Dystrophin to the Dystrophic Muscle",  Human Gene Therapy, (1993)	
	A21	Rowland, "Prednisone in Duchenne Muscular Dystrophy",  The Lancet, February 15, 1975	
	A22	Wolfe et al., "Direct Gene Transfer into Mouse Muscle in Vivo",  Science, Vol. 274, pp. 1465-1468, (1990)	
	A23	Folkers et al., "Treatment of Preclinical Muscular Dystrophy with Coenzyme Q",  Excerpta Med. Int. Service, Vol. 334, p. 158, (1974)	
	A24	Law, "Reduced Regenerative Capability of Dystrophic Mouse Muscle",  Exp. Neurol, Vol. 60, pp. 231-43, (1978)	
	A25	Young et al., "Histochemical Analysis of Newly Synthesized and Accumulated Sulfated Glycosaminoglycans During Musculogenesis in the Embryonic Chick Leg.", J. Morph, Vol. 201, pp. 85-103, (1989)	
	A26	Jackman et al., "Catheter Recordings of Accessory Atrioventricular Pathway Activation..."  From Cell to Bedside, pp. 491-502, (1990)	
	A27	Soonpaa et al., "Formation of Nascent Intercalated Disks Between Grafted Fetal Cardiomyocytes and Host Myocardium", Science, pp. 264-98, (1994)	
	A28	Huard et al., "Human Myoblast Transplantation in Immunodeficient and Immunosuppressed Mice: Evidence of Rejection Muscle Nerve", Vol. 17, pp. 224-34, (1994)	
	A29	Roy et al., "Antibody Formation After Myoblast Transplantation in Duchenne-Dystrophic Patients, Donor HLA Compatible", Transpl. Proc., Vol. 25, pp. 995-7, (1993)	
	A30	Huard et al., "Human Myoblast Transplantation Between Immunohistocompatible Donors and Recipients Produces Immune Reactions", Transpl. Proc., Vol. 24, pp. 3049-51, (1992)	
	A31	Law et al., "Pathogenesis and Treatment of Hereditary Muscular Dystrophy",  Kakulas BA, Mastalgia, pp. 101-18, (1990)	
EXAMINER	<i>Paenda Faunback</i>	DATE CONSIDERED	1-14-99

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) <i>(Use several sheets if necessary)</i>  Date Submitted to PTO: January 9, 1998		ATTY DOCKET NO. 038007/0111	SERIAL NO. <u>Unassigned</u> 09005034
		APPLICANT Peter K. LAW	
		FILING DATE January 9, 1998	GROUP Unassigned
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)			
	A32	Law et al., "Myoblast Injection Method Regulates Cell Distribution and Fusion",  Transpl. Proc. in Press	
	A33	Law et al., "New Muscle Transplant Method Produces Normal Twitch Tension in Dystrophic Muscle",  Nerve, Vol. 2, pp. 356-63	
	A34	Law et al., "Feasibility, Safety, and Efficacy of Dystrophy Boys",  Cell Transplantation, Vol. 1, pp. 235-44, (1992)	Myoblast Transfer Therapy on Duchenne Muscular
	A35	Law et al., "Cell Transplantation as an Experimental Treatment for Duchenne Muscular Dystrophy",  Cell Transplantation, Vol. 3, pp. 485-503, (1993)	
	A36	Peterson, "Chimaera Mouse Study Shows absence of Disease in Genetically Dystrophic Muscle",  Nature, Vol. 248, pp. 561-4, (1974)	
	A37	Hogan et al., "Manipulating the Mouse Embryo",  A Laboratory Manual, Cold Spring Harbor Laboratory, (1986)	
	A38	Cox et al., "Overexpression of Dystrophin in Transgenic MDX Mice Eliminates Dystrophic Symptoms Without  Toxicity", Nature, Vol. 364, pp. 725-9, (1993)	
	A39	Milhorat, "Therapy in Muscular Dystrophy Medical Annals of the District of Columbia",  Vol. 23, pp. 15, (1954)	
	A40	Wood, "New Therapeutic Directions in Duchenne Muscular Dystrophy Following Discovery of Dystrophin",  Pathogenesis and Therapy of Duchenne and Becker, Muscular Dystrophy, Raven Press, pp. 85-99	
	A41	Annals of the District of Columbia  Vol. 23, pp. 15, (1954)	
	A42	Van Meter, "Progressive Muscular Dystrophy",  Calif. Med., Vol. 79, pp. 297-99, (1990)	
	A43	Nakahara, "Studies on Progressive Muscular Dystrophy",  Arzneim. Forsch., Vol. 15, pp. 591-95, (1965)	
	A44	Drachman et al., "Prednisone in Duchenne Muscular Dystrophy",  Lancet, Vol. 2, pp. 1409-12, (1974)	
EXAMINER	DATE CONSIDERED 1-14-99		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) <i>(Use several sheets if necessary)</i> Date Submitted to PTO: January 9, 1998		ATTY DOCKET NO. 038007/0111	SERIAL NO. Unassigned 09 005 034
		APPLICANT Peter K. LAW	
		FILING DATE January 9, 1998	GROUP Unassigned
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)			
	A45		Coakley et al., "Mazindol in Duchenne Muscular Dystrophy",  Lancet, Vol. 1, No. 8578, pp. 184, (1988)
	A46		Munsat et al., "Prednisone in Duchenne Muscular Dystrophy",  Lancet, Vol. 1, pp. 276-77, (1985) 1985
	A47		Siegel et al., "Failure of Corticosteroid in the Treatment of Duchenne (Pseudo-Hypertrophic) Muscular Dystrophy", I.M.J., Vol. 145, pp. 32-33, (1974)
	A48		Acsadi et al., "Human Dystrophin Expression in MDX Mice After Intramuscular Injection of DNA Constructs",  Nature, Vol. 352, pp. 815-18, (1991)
	A49		Neumeyer et al., "Arterial Delivery of Myoblasts to Skeletal Muscle",  Neurology, Vol. 42, pp. 2258-62, (1992)
	A50		Smith et al., "Genes Transferred by Retroviral Vectors into Normal and Mutant Myoblasts in Primary Cultures Are Expressed in Myotubes", Mol. & Cell. Biol., Vol. 10, pp. 3268-71, (1990)
1	A51		Hyde et al., "Correction of the Ion Transport Defect in Cystic Fibrosis Transgenic Mice by Gene Therapy",  Nature, Vol. 362, pp. 250-55, (1993)
	A52		Hoffman et al., "Dystrophin: The Protein Product of the Duchenne Muscular Dystrophy",  Locus. Cell, Vol. 51, pp. 919-28, (1987)
	A53		Chen et al., "Dystrophin Cytochemistry in MDX Mouse Muscles Injected with Labeled Normal Myoblasts",  Cell Transplantation, Vol. 1, pp. 17-22, (1992)
	A54		Partridge et al., "Conversion of MDX Myofibers From Dystrophin-Negative to Positive by Injection of Normal Myoblasts", Nature, Vol. 337, pp. 116-17, (1989)
	A55		Gussioni et al., "Normal Dystrophin Transcripts Detected in Duchenne Muscular Dystrophy Patients After Myoblast Transplantation", Nature, Vol. 365, pp. 435-38, (1992)
	A56		Huard et al., "Myoblast Transplantation Produced Dystrophin-Positive Muscle Fibers in a 16-Year-Old Patient with Duchenne Muscular Dystrophy", Clin. Sci., Vol. 81, pp. 287-88, (1991)
	A57		Huard et al., "Human Myoblast Transplantation: Preliminary Results of 4 Cases",  Muscle Nerve, Vol. 15, pp. 550-60, (1992)
EXAMINER	Freeda Knutack		DATE CONSIDERED 1-14-99

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 038007/0111	SERIAL NO. Unassigned 09005034
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		APPLICANT Peter K. LAW	
Date Submitted to PTO: January 9, 1998		FILING DATE January 9, 1998	GROUP Unassigned
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>b7b</i>	A58		Law et al., "Dystrophin Production Induced by Myoblast Transfer Therapy in Duchenne Muscular Dystrophy",  Lancet, Vol. 336, pp. 114-15, (1990)
	A59		Law et al., "Myoblast Transfer for Duchenne Muscular Dystrophy",  Acta Paediatrica, Japan, Vol. 33, pp. 206-15, (1991)
	A60		Law et al., "Myoblast Transfer Therapy for Duchenne Muscular Dystrophy",  Advances in Clinical Neurosciences, Vol. 2, pp. 463-70, (1992)
	A61		Law et al., "Pioneering Development in Myoblast Transfer Therapy", Muscular Dystrophy Research,  Elsevier Science Publishers, pp. 109-11, (1991)
	A62		Law et al., "Long-Term Improvement in Muscle Function, Structure and Biochemistry Following Myoblast Transfer in DMD", Acta Cardiologica, Vol. 3, pp. 281-301, (1991)
	A63		Law, "Beneficial Effects of Transplanting Normal Limb-Bud Mesenchyme Into Dystrophic Mouse Muscles",  Nerve and Muscle, Vol. 5, pp. 619-27, (1982)
	A64		Law et al., "Histoincompatible Myoblast Injection Improves Muscle Structure and Function of Dystrophic Mice",  Transplantation Proceedings, Vol. XX, No.3, Supp. 3, pp. 1144-19, June (1988)
	A65		Law, "Myoblast Transfer Improves Muscle Genetics/Structure/Function and Normalizes the Behavior and Life Span of Dystrophic Mice", Myoblast Transfer Therapy
	A66		Law et al., "Normal Myoblast Injections Provide Genetic Treatment for Murine Dystrophy",  Nerve & Muscle, Vol. 11, pp. 525-33, (1988)
	A67		Barr et al., "Systemic Delivery of Recombinant Proteins by Genetically Modified Myoblasts",  Science, Vol. 254, pp. 1507-9, (1991)
<i>✓</i>	A68		Karpati et al., "Dystrophin is Expressed in MDX Skeletal Muscle Fibers After Normal Myoblast Implantation",  American journal of Pathology, Vol. 135, No. 1, July (1989)
EXAMINER <i>Freeda Breuerback</i>		DATE CONSIDERED 1-14-99	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.